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American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

FINANCE, ACCOUNTING AND STATISTICS DEPARTMENT

VOL. 70 For Week Ended March 10, 1989 NO. 10

SUMMARY*

(In Thousands of 42-gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 03/10/89	Last Week Ending: 03/03/89	Last Year Week Ending: 03/11/88	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	12,937	12,775	13,054	162	-117
Operable capacity	15,907	15,907	15,697	0	210
Percent operated	81.3	80.3	83.2		
Motor Gasoline					
Total motor gasoline production	6,591	6,620	6,680	-29	-89
Finished leaded motor gasoline production	747	901	1,313	-154	-566
Finished unleaded motor gasoline production	5,844	5,719	5,367	125	477
Total motor gasoline stocks	241,665	246,409	234,213	-4,744	7,452
Finished leaded motor gasoline stocks	36,818	38,565	49,957	-1,747	-13,139
Finished unleaded motor gasoline stocks	163,345	165,897	145,007	-2,552	18,338
Jet Fuel Kerosine					
Jet fuel kerosine production	1,189	1,181	1,247	8	-58
Jet fuel kerosine stocks	35,385	35,720	37,889	-335	-2,504
Distillate Fuel Oil					
Distillate fuel oil production	2,744	2,735	2,685	9	59
Distillate fuel oil stocks	101,035	106,894	102,406	-5,859	-1,371
Residual Fuel Oil					
Residual fuel oil production	991	1,010	1,027	-19	-36
Residual fuel oil stocks	41,694	43,649	42,914	-1,955	-1,220
Imports					
Crude oil imports	4,488	6,272	4,527	-1,784	-39
Product imports	2,196	2,562	1,737	-366	459
Crude Oil Stocks					
Crude oil stocks	331,576	333,862	340,347	-2,286	-8,771
Crude Supply Balance	197				

*See definitions on page 6

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels) *

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,376	1,167	1,185	1,380	85.9
Appal No 1	110	102	102	107	95.3
DISTRICT 1 TOTAL	1,486	1,269	1,287	1,487	86.6
Ind., Ill., Ky.	2,039*	1,875*	1,879*	2,254	83.4*
Minn., Wisc., Daks.	336	323	324	312	103.8
Okla., Kans., Mo.	730	640	640	718	89.1
DISTRICT 2 TOTAL	3,105*	2,838*	2,843*	3,284	86.6*
Inland Texas	540	492	492	569	86.5
Texas Gulf Coast	3,418	2,807	2,824	3,565	79.2
La. Gulf Coast	2,569	2,431	2,448	2,908	84.2
N. La. and Ark.	207	192	192	252	76.2
New Mexico	91	69	70	76	92.1
DISTRICT 3 TOTAL	6,825	5,991	6,026	7,370	81.8
DISTRICT 4 TOTAL	437	414	416	535	77.8
DISTRICT 5 TOTAL	2,376*	2,279	2,365	3,231	73.2
TOTAL U.S.	14,229	12,791	12,937	15,907	81.3
TOTAL U.S. Weeks Ended:					
MAR. 3, 1989	14,120*	12,654*	12,775*	15,907	80.3*
MAR. 11, 1988	14,366	12,918	13,054	15,697	83.2
DISTRICTS 1-4 Weeks Ended:					
MAR. 10, 1989	11,853	10,512	10,572	12,676	83.4
MAR. 3, 1989	11,655*	10,285*	10,335*	12,676	81.5*
MAR. 11, 1988	11,729	10,416	10,529	12,438	84.7

* See Revisions on Page 8.

API WEEKLY STATISTICAL BULLETIN

Week Ended March 10, 1989

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil
East Coast	658	24	634	18	68	328	128
Appal. No. 1	42	8	34	--	--	30	3
DISTRICT 1 TOTAL	700	32	668	18	68	358	131
Ind., Ill., Ky.	1,089	61	1,028	10	106	427	57
Minn., Wisc., Daks.	169	14	155	--	17	89	4
Okla., Kans., Mo.	411	84	327	9	58	182	9
DISTRICT 2 TOTAL	1,669	159	1,510	19	181	698	70
Inland Texas	233	50	183	26	29	85	19
Texas Gulf Coast	1,514	133	1,381	25	317	551	161
La. Gulf Coast	1,218	82	1,136	37	277	563	127
N. La. and Ark.	63	13	50	9	6	51	12
New Mexico	42	16	26	6	4	17	--
DISTRICT 3 TOTAL	3,070	294	2,776	103	633	1,267	319
DISTRICT 4 TOTAL	203	56	147	11	27	104	13
DISTRICT 5 TOTAL	949	206	743	36	280	317	458
TOTAL U.S.	6,591	747	5,844	187	1,189	2,744	991
TOTAL U.S. Weeks Ended:							
MAR. 3, 1989	6,620	901	5,719	215	1,181	2,735	1,010
MAR. 11, 1988	6,680	1,313	5,367	192	1,247	2,685	1,027
DISTRICTS 1-4 Weeks Ended:							
MAR. 10, 1989	5,642	541	5,101	151	909	2,427	533
MAR. 3, 1989	5,554	675	4,879	156	868	2,297	578
MAR. 11, 1988	5,565	1,040	4,525	143	923	2,291	603

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2]Includes Grade No. 4 fuel oil.

STOCKS OF SELECTED PRODUCTS
(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Motor Gasoline: Blending Components	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
New England	3,847	145	3,701	1	137	406	3,674*	536	--
Central Atlantic	30,891	2,894	23,056	4,941	567	4,163	17,889	13,802	11,759
Lower Atlantic	32,005	4,330	27,495	180	379	4,769	12,625	2,460	496
DISTRICT 1 TOTAL	66,743	7,369	54,252	5,122	1,083	9,338	34,188*	16,798	12,255
DISTRICT 2 TOTAL	66,432*	12,916	44,266*	9,250	1,079	7,658	30,685*	3,125	13,916
DISTRICT 3 TOTAL	71,419*	8,209*	45,987	17,223	2,291	13,235	24,538*	12,770	50,463
DISTRICT 4 TOTAL	7,766	2,164	3,256	2,346	348	607	2,363	574	2,258
DISTRICT 5 TOTAL	29,305	6,160	15,584	7,561	1,461	4,547	9,261*	8,427	24,034
TOTAL U.S.	241,665	36,818	163,345	41,502	6,262	35,385	101,035	41,694	102,926
TOTAL U.S. Weeks Ended:									
MAR. 3, 1989	246,409*	38,565*	165,897*	41,947	6,656	35,720	106,894*	43,649	103,498
MAR. 11, 1988	234,213	49,957	145,007	39,249	6,435	37,889	102,406	42,914	98,228
DISTRICTS 1-4 Weeks Ended:									
MAR. 10, 1989	212,360	30,658	147,761	33,941	4,801	30,838	91,774	33,267	78,892
MAR. 3, 1989	215,745*	32,293*	149,021*	34,431	4,818	30,849	97,621*	35,467	79,600
MAR. 11, 1988	204,384	43,068	130,363	30,953	5,021	31,565	93,430	34,091	75,778

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2]Includes Grade No. 4 fuel oil.

* See Revisions on Page 8.

WEEKLY STATISTICAL BULLETIN
Week Ended March 10, 1989

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS, CRUDE OIL SUPPLY BALANCE AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy October 1988	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Locatio
	Daily Average				
DISTRICTS 1-4 TOTAL					
MAR. 10, 1989	4,905.0	4,883.0	4,208	672	248,730
MAR. 3, 1989	4,915.0*	--	5,938	568*	252,782
FEB. 24, 1989	4,915.0*	--	4,643	656	246,142
FEB. 17, 1989	4,915.0*	--	4,441	601	246,920
DISTRICT 5 TOTAL					
MAR. 10, 1989	3,081.0	3,069.0	280	13	82,846 #
MAR. 3, 1989	3,024.0*	--	334	15	81,080*
FEB. 24, 1989	3,024.0*	--	148	15	77,564
FEB. 17, 1989	3,024.0*	--	94	15	76,594
TOTAL U.S.					
MAR. 10, 1989	7,986.0	7,952.0	4,488	685	331,576 #
MAR. 3, 1989	7,939.0*	--	6,272	583*	333,862*
FEB. 24, 1989	7,939.0*	--	4,791	671	323,706
FEB. 17, 1989	7,939.0*	--	4,535	616	323,514
MAR. 11, 1988	8,340.0 a/	--	4,527	686	340,347

#INCLUDES 21,797 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

a/ DOE actual for March 1988.

DAILY AVERAGE CRUDE OIL SUPPLY BALANCE[1] (In thousands of 42-gallon barrels)

Week Ended:	Current	1988 Averages Absolute	Positive	Negative
MAR. 10, 1989	197	445	472	-372

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1-4	District 5	Total U.S.
Weeks Ended:							
MAR. 10, 1989	15,189	68,025	153,819	11,697	248,730	82,846 #	331,576 #
MAR. 3, 1989	12,568	67,873	160,389	11,952	252,782	81,080*	333,862*
MAR. 11, 1988	14,495	70,566	161,898	13,496	260,455	79,892	340,347

[1]See definitional notes, Page 6.

* See Revisions on Page 8.

IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline Finished Leaded	Motor Gasoline Finished Unleaded	Gasoline[2] Blending Components	Jet Fuel Naphtha Type	Jet Fuel Kerosine Type	Distillate Fuel Oil[3]	Residual Fuel Oil	L.P.G.	Unfinished Oils	Other	Total
New England	123	--	123	81	--	--	117	53	15	--	--	389
Central Atlantic	74	1*	73*	5	--	72	96	528	22	124	51	972
Lower Atlantic	69	--	69	--	--	18	--	194	--	--	--	281
DISTRICT 1 TOTAL												
MAR. 10, 1989	266	1	265	86	--	90	213	775	37	124	51	1,642
MAR. 3, 1989	391	--*	391*	114	--	110	433	603	30	106	56	1,843
FEB. 24, 1989	397	6	391	41	--	138	475	627	51	105	83	1,917
FEB. 17, 1989	125	--	125	40	--	114	436	767	31	117	138	1,768
DISTRICTS 2-4 TOTAL												
MAR. 10, 1989	2	--	2	10	3	63	6	14	135	157	115	505
MAR. 3, 1989	--	--	--	10	3	29	11	14	277	141	152	637
FEB. 24, 1989	--	--	--	52	3	40	12	12	143	140	340	742
FEB. 17, 1989	2	--	2	46*	3	22	11	18	192	102	221*	617
DISTRICT 5 TOTAL												
MAR. 10, 1989	9	--	9	--	--	9	1	20	10	--	--	49
MAR. 3, 1989	32	--	32	--	--	19	8	13	10	--	--	82
FEB. 24, 1989	20	--	20	--	--	13	3	37	10	--	--	83
FEB. 17, 1989	3	--	3	--	--	19	3	30	15	1	--	71
TOTAL U.S.	277	1	276	96	3	162	220	809	182	281	166	2,196
TOTAL U.S. Weeks Ended:												
MAR. 3, 1989	423	--*	423*	124	3	158	452	630	317	247	208	2,562
FEB. 24, 1989	417	6	411	93	3	191	490	676	204	245	423	2,742
FEB. 17, 1989	130	--	130	86*	3	155	450	815	238	220	359*	2,456
MAR. 11, 1988	60	--	60	94	2	23	251	555	261	238	253	1,737

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2]Gasoline blending components are not included in total motor gasoline imports.

[3]Includes Grade No. 4 fuel oil.

* See Revisions on Page 8.

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the components stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

Crude Oil Imports

Crude oil (includes lease condensate) produced outside the 50 states. Material from the Athabasca tar sands is included.
Reported on a Port of Entry basis.
The Total of crude oil imports includes those from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Crude Supply Balance

Crude Supply Balance is the arithmetic difference, expressed in MB/D, between those factors that make up the availability of crude oil (Supply), i.e., estimated domestic crude oil production plus imports plus or minus the change in crude oil stocks and those factors that convert or consume crude oil (Disposition), i.e., crude oil refinery inputs, exports, product supplied (used directly as fuel) and losses. A negative volume indicates a supply greater than disposition while a positive number indicates insufficient supply to balance.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but included shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorous per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Finance, Accounting and Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE, Petroleum Supply Annual.

ESTIMATED DAILY AVERAGE PRODUCTION OF CRUDE OIL AND LEASE CONDENSATE

(In thousands of 42-gallon barrels)

	API Estimated Production		Dept. of Energy
	FEBRUARY 1989	JANUARY 1989 r/	OCTOBER 1988
Florida	21.0	22.0	18.0
New York-Pennsylvania	9.0	10.0	8.0
Virginia	0.0	0.0	0.0
West Virginia	7.0	7.0	6.0
Illinois	63.0	64.0	63.0
Indiana	10.0	10.0	9.0
Kansas	153.0	155.0	152.0
Kentucky	14.0	15.0	14.0
Michigan	62.0	63.0	62.0
Missouri-Tennessee	2.0	2.0	1.0
Nebraska	17.0	17.0	17.0
Ohio	29.0	29.0	28.0
Oklahoma	336.0	338.0	334.0
North Dakota	106.0	106.0	106.0
South Dakota	4.0	4.0	4.0
Alabama	56.0	56.0	55.0
Arkansas	35.0	35.0	35.0
Mississippi	76.0	75.0	76.0
New Mexico-So. East	172.0	172.0	174.0
New Mexico-Other	18.0	18.0	17.0
North Louisiana	61.0	61.0	60.0
South Louisiana	1,099.0	1,101.0	1,059.0
Total Louisiana	1,160.0	1,162.0	1,119.0
Texas			
District 1	54.0	55.0	56.0
District 2	63.0	65.0	68.0
District 3	221.0	223.0	222.0
District 4	66.0	66.0	67.0
District 5	36.0	35.0	36.0
District 6, East Texas	112.0	110.0	114.0
Other	89.0	89.0	88.0
District 7-B	85.0	85.0	85.0
District 7-C	88.0	88.0	90.0
District 8 and 8-A	1,088.0	1,084.0	1,098.0
District 9	83.0	82.0	83.0
District 10	43.0	42.0	43.0
Total Texas	2,028.0	2,024.0	2,050.0
Colorado	87.0	88.0	86.0
Montana	62.0	63.0	61.0
Utah	88.0	88.0	88.0
Wyoming	300.0	300.0	300.0
Total Districts 1-4	4,915.0	4,923.0	4,883.0
Alaska	1,961.0	1,957.0	2,011.0
Arizona	0.0	0.0	0.0
California	1,054.0	1,055.0	1,049.0
Nevada	9.0	9.0	9.0
Total District 5	3,024.0	3,021.0	3,069.0
TOTAL U.S.	7,939.0	7,944.0 r/	7,952.0

r/ Revised: Data currently displayed are based on reported volumes from 37 producing companies. These volumes are estimated to represent 56.7% of lower 48 states production. When combined with reported Alaskan data, the sample represents 67.3% of total U.S. production in January.

REVISIONS

02/17/89	PAGE 5	BLENDING COMPS	DISTRICTS 2-4 TOTAL	46
			TOTAL U.S.	86
		OTHER	DISTRICTS 2-4 TOTAL	221
			TOTAL U.S.	359
03/03/89	PAGE 1	TOTAL REFINERY INPUT	IND., ILL., KY	2,050
			DISTRICT 2 TOTAL	3,082
			DISTRICT 5 TOTAL	2,465
			TOTAL U.S.	14,120
			DISTRICTS 1-4	11,655
		CRUDE OIL RUNS	IND., ILL., KY	1,803
			DISTRICT 2 TOTAL	2,743
			TOTAL U.S.	12,654
			DISTRICTS 1-4	10,285
		INPUT TO CRUDE OIL	IND., ILL., KY	1,803
			DISTRICT 2 TOTAL	2,743
			TOTAL U.S.	12,775
			DISTRICTS 1-4	10,335
		% OPERABLE	IND., ILL., KY	80.0
			DISTRICT 2 TOTAL	83.5
			TOTAL U.S.	80.3
			DISTRICTS 1-4	81.5
	PAGE 3	TOTAL MGAS	DISTRICT 2 TOTAL	67,720
			DISTRICT 3 TOTAL	73,380
			TOTAL U.S.	246,409
			DISTRICTS 1-4	215,745
		LEADED MGAS	DISTRICT 3 TOTAL	8,913
			TOTAL U.S.	38,565
			DISTRICTS 1-4	32,293
		UNLEADED MGAS	DISTRICT 2 TOTAL	45,532
			TOTAL U.S.	165,897
			DISTRICTS 1-4	149,021
		DISTILLATE FUEL	NEW ENGLAND	4,307
			DISTRICT 1 TOTAL	38,107
			DISTRICT 2 TOTAL	31,095
			DISTRICT 3 TOTAL	25,989
			DISTRICT 5 TOTAL	9,273
			TOTAL U.S.	106,894
			DISTRICTS 1-4	97,621
	PAGE 4 T	CANADIAN CRUDE OIL	DISTRICTS 1-4 TOTAL	568
			TOTAL U.S.	583
		CRUDE OIL STOCKS	DISTRICT 5 TOTAL	81,080
			TOTAL U.S.	333,862
	PAGE 4 B	TOTAL	PAD DISTRICT 5	81,080
			TOTAL U.S.	333,862
	PAGE 5	LEADED MGAS	CENTRAL ATLANTIC	0

REVISIONS

	DISTRICT 1 TOTAL	0
	TOTAL U.S.	0
UNLEADED MGAS	CENTRAL ATLANTIC	215
	DISTRICT 1 TOTAL	391
	TOTAL U.S.	423